THENOW

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FLOOR STANDING ERV

High Efficiency Purification Constant Fresh Air Energy Recovery

www.thenowair.com

Children Focus On Study

Thenow Focus **On Health**

Guarding The Children's Health
Bringing Clean Fresh Air

HEPA Filter

Air Filter

Energy Recovery Core

Catalytic Plate Filter

Electrostatic Precipitator
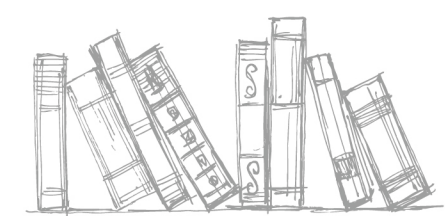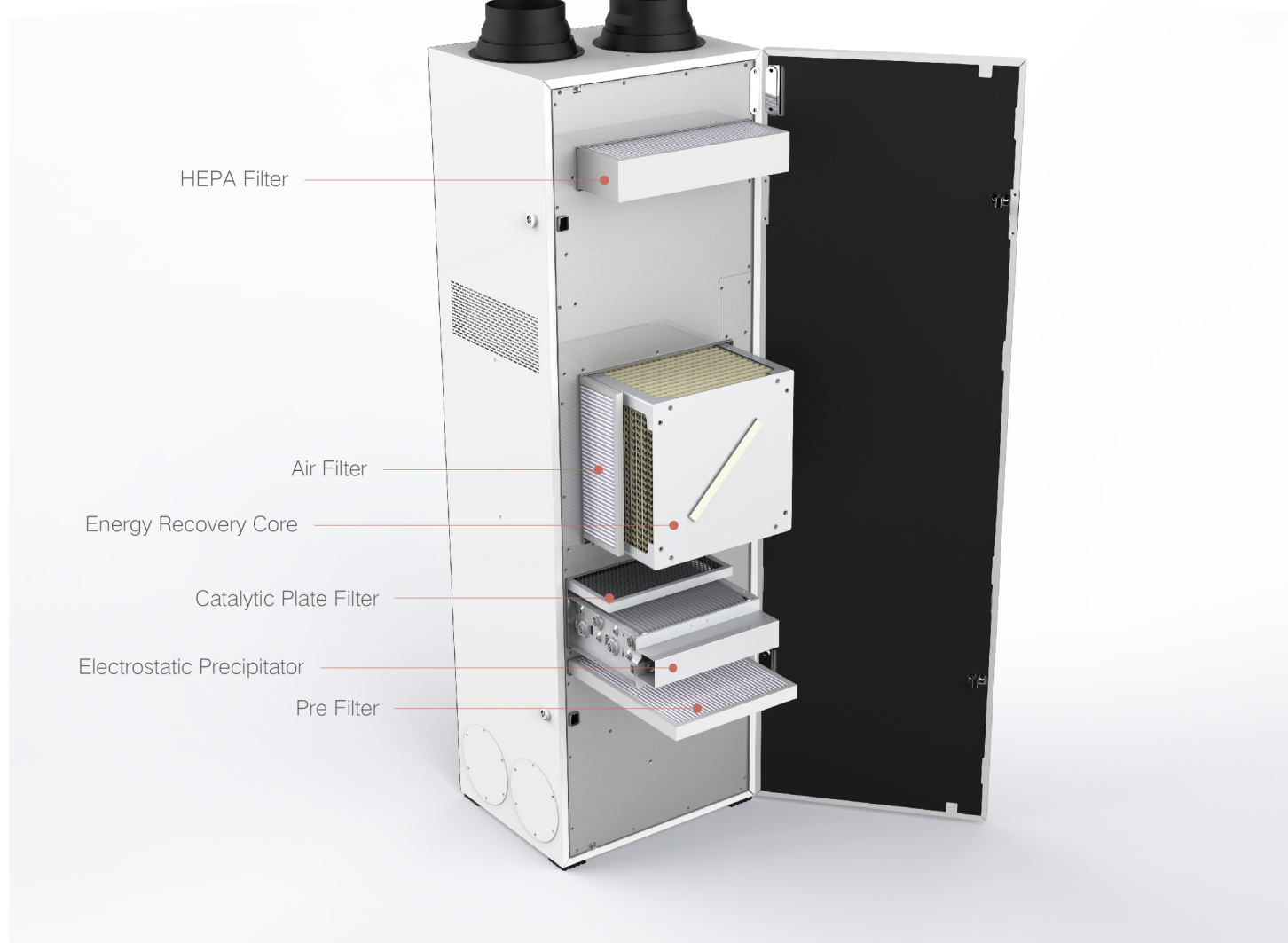
Pre Filter

Pure ESP System

– Multi-layer High Efficiency Purification –

① Pre Filter
Washable Pre-filter can prevent large particles such as the dust, soft flocks etc., in the air efficiently.

② Electrostatic Precipitator
High efficiently kill the bacterial virus in the passing air, filter smaller particles (lower to 0.001 micron), maintaining by washing rather than replacing.

③ Catalytic Plate Filter
Discomposes the Ozone derived from the high voltage static and other TVOC etc., no need to change.

④ H13 HEPA Filter
Removing PM2.5 and other smaller particles, self-production with stable quality and low maintenance cost.

Unique Craftsmanship, Hidden Ingenuity

- Minimalism style, easy to match.
- Baking varnish surface, glossy and antioxidant. Safe rounded edge design.

Pursue Perfection of Details, Quality Products Show Naturally

- Ductless type supplies air with **45°** air outlet tenderly and quietly. Ducted type distributes fresh air into different rooms.
- Duct connections available on three sides to suit different applications.
- Easy access to wash and replace the filters.
- Cabinet door with CAM LOCK, Much safer.

III *Our full heat exchange core with imported nano fiber membrane, recovery rate up to* **75%**.

In Winter—AC Warming

6℃ Exhaust Air

Outdoor | Indoor

15℃ Supply Air

0℃ Fresh Air

Recovery Core

20℃ Return Air
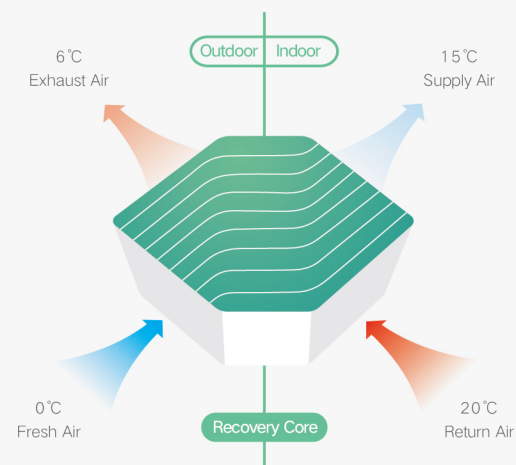
- Heat Exchange Calculation Formula

In Winter: Supply Air Temperature=(Indoor Temperature-Outdoor Temperature) X Enthalpy Recovery Efficiency + Outdoor Temperature

In Summer—AC Cooling

30.5℃ Exhaust Air

Outdoor | Indoor

27.5℃ Supply Air

32℃ Fresh Air

Recovery Core

26℃ Return Air
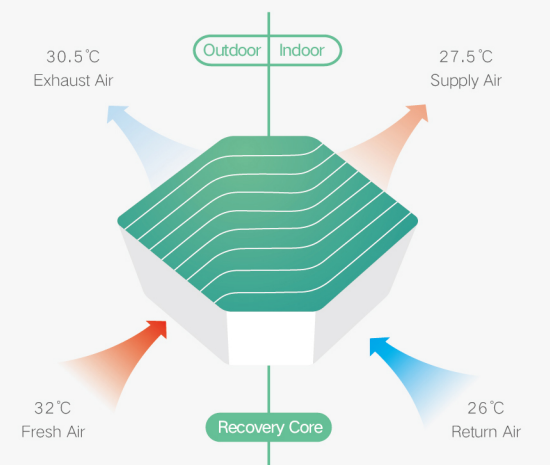
- Heat Exchange Calculation Formula

In Summer: Supply Air Temperature=Outdoor Temperature-(Outdoor Temperature-Indoor Temperature) X Enthalpy Recovery Efficiency

Functional Structure With Real Stuff

- Metal sandwich sheets structure, lined with another layer of insulation material which is environmental-friendly, much stronger, lower noise and more insulated.

EC Motor

- EC motor, more than **60%** energy saving compared to traditional AC motor, and more stable and environmental-friendly, lower noise and larger air volume.

EPS Air Channel

- EPS air channel and noise insulation structure designed with CFD, low pressure drop and noise under big airflow, as well as tender air supplying and comfortable feeling.
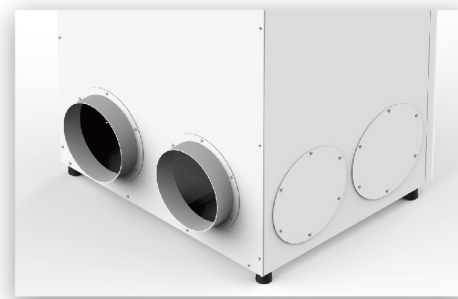
Intelligent Controller

- Full LCD touch screen, easier operating. Real-time display of the indoor and outdoor temperature, humidity, CO_2, PM2.5, and TVOC.
- With CO_2 and PM2.5 sensors, automatically adjust fresh air volume to provide ample oxygen and keep clean.
- Filter indicator available and fault code display.

PTC Preheater, Enjoy Warm Air In Winter

- When the intake air temperature is too low, the preheater can prevent the whole heat exchange core from condensing and freezing, and warm the fresh air at the same time.

- Technical Datas -

Model	TSX550-CF01(Ducted Type）	TSXS100-CF01（Ducted Type）
	TSX550-CF02(Ductless Type)	TSXS100-CF02（Ductless Type）
Picture		
Air Supply Mode	Ductless Type & Ducted Type	Ductless Type & Ducted Type
Size (LxWxT mm）	526x453x1730 (Ducted Type） 526x453x1730 (Ductless Type）	624x503x2180 (Ducted Type） 624x503x2180 (Ductless Type）
Power Supply	AC 220V-240V 50Hz	AC 220V-240V 50Hz
Air Flow (m³/h)	Fresh Air 550 Exhaust Air 450	Fresh Air 1000 Exhaust Air 750
Residual Pressure (Pa)	≤150	≤200
Enthalpy Efficiency (%)	≥75%	≥75%
PM2.5 Purification Efficiency	≥99%	≥99%
Rated Power (W)	≤250	≤400
Auxiliary Heating Power (W)	800W	1200W
Noise dB(A)	≤45	≤55
Wight（kg）	110	140
Appication Area (m²）	100-200 m²	200-300 m²
Control	Intelligent Control APP PM2.5 CO_2 TVOC Temperature and Humidity	Intelligent Control APP PM2.5 CO_2 TVOC Temperature and Humidity
Filter	Pre Filter ESP Catalytic Plate HEPA	Pre Filter ESP Catalytic Plate HEPA
Duct Installation	Back、Left、Right	Back、Left、Right
Indoor Air Circulation	No(Optional)	No(Optional)